


Date: September 30, 2011

To: Penelope Townsley, Director
Department of Small Business Development

From: 
Rodney McMillan
Special Project Administrator
Public Works Department

RECEIVED
DEPT. BUSINESS DEV.
2011 SEP 30 PM 3:38

Subject: Notice of Construction Project:
Miscellaneous Construction Contracts (MCC)
Program: MCC 7360 Plan - CICC 7360-0/08
Request for Price Quotation (RPQ) No. 20110149
Community Development Block Grant (CDBG)
Roadway Resurfacing Contract

RECOMMENDATION

The Contracts and Specifications Section staff has evaluated the subject project and recommends 10% Disadvantaged Business Enterprise (DBE) participation, based on the scopes of work required to perform construction work. The cost estimate is \$503,023.16. The Public Works Department (PWD) staff has checked the availability of DBE Subcontractors as per the DBE Program and has attached the PWD Project Measure Analysis and Recommendation findings along with other supporting documents for your consideration. PWD staff met with the Department of Small Business Development's (SBD) Construction Manager to explain its intent. The Community Workforce Program (CWP) is not applicable to this RPQ due to funding source.

BACKGROUND

Asphalt surfaces have a typical service life of 8 to 12 years, depending on traffic and weather conditions. Asphalt resurfacing is necessary when the asphalt surface has reached the end of its service life or if other methods of restoration cannot repair the roadway. This project is needed for the construction of new asphalt surfaces throughout Miami-Dade County that will improve driving conditions as well as the aesthetics of the roadway. Asphalt resurfacing is a multi-step process that usually involves several work crews, accompanied by proper construction signs and work-zone traffic control measures to maintain public safety. This project is a part of the Community Development Block Grant (CDBG) Program under Title I of the Housing and Community Development Act of 1974.

If any additional information is needed, please call me at (305) 375-5320, or Frank Aira at (305) 375-2930.

RM/rm

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RC Action
20110149

Attachments (2)

C: Kelly Duncombe, SBD
Ileana Quintana, SBD
Bassam Moubayed, SBD
Frank Aira, P.E., CFM, PWD
Alicia Arce, PWD
Dianah Coakley, PWD
Brenda Corteguera, PWD
Lisset Cabrera, PWD
Project File

DEPARTMENT INPUT
CONSTRUCTION CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION

Check applicable Ordinance(s): ☒ 90-143 Responsible Wage and Benefits ☒ 03-237 (formerly 03-1) Community Workforce Program

PROJECT INFORMATION See attachment ☒

Contract/Project/*Work Order No.: 20110149

*Reference corresponding project number when submitting a work order

Contract/Project Title: CDBG Roadway Resurfacing Contract

Description/Scope of Work: See Attached

Estimated Cost: 503023 Funding Source: Other (specify)

Location of Project (street address or beginning and ending points) i.e. 12345 NE 23rd Ct or Starts at 135 St. ends at 145 St.

Various, please see attached

PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CWP) See attachment ☒

Engineer/Department or Agency's estimated required workforce for Project ☒ Work Order ☐:

Trade/Skills Required	Est. # of workforce required per trade	Est. # of total days to complete job

Comments: Please note the estimated number of days to complete the job may not be equal to actual amount of days indicated above.

PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CSBE) See attachment ☒

Sub-Trade	Est. Cost	% of Item to Base Bid	Availability
	\$	%	
	\$	%	
	\$	%	

RECOMMENDATION

Set-Aside: Level 1 ☐ Level 2 ☐ Level 3 ☐ Trade Set-Aside ☐ Sub-Contractor Goal ☒ Workforce Goal ☐ No Measure ☐

Basis for Recommendation: Funding source and availability of certified DBE firms, CWP not applicable due to funding source.

Date submitted to DBD: 09-30-11

Contact Person: Rodney McMillian or Frank Aira

Telephone No.: 305-375-5320

**Miami-Dade County Public Works Department Input
Contract/Project Measure Analysis and Recommendation**

To: Penelope Townsley, Director
Department of Small Business Development

From: Rodney McMillian
Special Project Administrator
Public Works Department

Date: Friday, September 30, 2011

Department: Public Works

Contract Type:

CICC 7360 – Single Trade

Project No.:

20110149

Re-submittal: ☐

☒ No

Contract/Project Title:

CDBG Roadway Resurfacing Contract

Standard Industrial Code (SIC):

16-Highway and Street Construction

Estimated Project Cost:

\$503,023.16

Funding Source:

CDBG

Bonding Requirements: Bid Bond– 5% of Base Bid Amount
Performance Bond– 100% of Contract Award Amount

Method of Award: Line Item

Project No.: 20110149

Project Title: CDBG Roadway Resurfacing Contract

Detailed Scope of Work:

The work required for this Contract shall include, but is not limited to, the following: Milling and resurfacing, widening and resurfacing of intersecting streets, resurfacing of asphaltic pathways (pedestrian, bicycle, etc.) adjacent or not to the edge of pavement as necessary, temporary utility repairs (cold patches), clearing and excavating of shoulder areas or build-up, as directed by the Engineer; grading and clean-up of adjacent shoulders and removal of roots, as required, pavement markings including the installation of reflective pavement markers (blue/blue) at fire hydrant locations.

Resurfacing work may include any of the following:

- a. Application of asphaltic concrete surface course to existing wearing course.
- b. Application of asphaltic concrete leveling courses to existing wearing surfaces prior to and in preparation for item (a) above.
- c. Application of asphaltic concrete to previously primed rock roads.
- d. Resurfacing of private driveways shall be limited to feathering of the asphaltic concrete mat to a point two (2) feet from the edge of the roadway. Resurfacing of the remainder of private driveways is expressly prohibited under this Contract, unless directed by the Engineer.
- e. The contractor shall adjust all storm water, water and sewer valves and manholes prior to resurfacing. All adjustments shall be made by the built-up method, not by the use of adjustment of rings.

Required Contractor's Certification:

At the time of Bid and pursuant to the requirements of Section 10-3 of the Code of Miami-Dade County, Florida and these Solicitation and Contract Documents, the Bidder must hold a valid, current, and active Certificate of Competency as a General Engineering Contractor or as a Specialty Engineering Contractor, commensurate to the requirements of the Project's Scope of Work, in one or more engineering crafts to include Paving Engineering. The Specialty Contractor shall subcontract with a qualified contractor any work which is incidental to the specialty but is specified in the aforementioned Code as being the work of other than that of the Engineering Specialty for which certified.

**Miami-Dade County Public Works Department Input
Contract/Project Measure Analysis and Recommendation**

Project No.: 20110149

Project Title: CDBG Roadway Resurfacing Contract

Pursuant to Section 255.20, Florida Statutes (F.S.) and in lieu of the above, the County may consider a bid from a Bidder that is a duly licensed Contractor in good standing that has been pre-qualified and considered eligible by the Florida Department of Transportation (FDOT) under Section 337.14, F.S. and Chapter 14-2, Florida Administrative Code, to perform the work described in the Contract Documents. Contractors seeking consideration under this paragraph shall submit along with the Bid Documents for review and consideration, current copy (ies) of their FDOT Certificate(s) of Qualification, Certification of Work Underway, and Status of Contract(s) On Hand. Acceptable FDOT prequalification(s) necessary to perform the work specified in the Project's Scope of Work shall include the Flexible Paving Work Class.

Additional Information – Permits, Licenses, Certifications, and General Regulations

Permits that are issued by the Public Works Department, Miami-Dade County for construction within the public right-of-way, as well as additional permits, which may be required by other municipalities or agencies, including those required for tree removal, **will be the responsibility of the Contractor.**

County Road Construction Projects – NO PERMITS issued to sub-contractors. Except work related to Traffic Signalization, School Flashing Signals, Internally Illuminated Street Name Sign (IISNS), Street lighting, and Traffic Signal Loops which will require a separate permit issued to an Electrical Contractor to perform such work.

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**Miami-Dade County Public Works Department Input
Contract/Project Measure Analysis and Recommendation**

Project No.: 20110149

Project Title: CDBG Roadway Resurfacing Contract

Areas for possible measures:

Traffic Stripes and Marking (Painted and/or Thermoplastic) and Adjusting/Reconstruct Existing Structures

Areas recommended for CSBE Subcontractor Goal:

Traffic Stripes and Marking (Painted and/or Thermoplastic) and Adjusting/Reconstruct Existing Structures

Contract Measure Recommendation:

☐ No Measure

☐ Set-Aside:

Level I Level II Level III

☐ Trade Set-Aside(s)

☐ Aggregate Set-Aside

☐ CSBE Subcontractor Goal

☐ CWP: Not Applicable, federally funded

☒ DBE Goal: 10%

Traffic Stripes and Marking (Painted and/or Thermoplastic)
Adjust/Reconstruct Existing Structures

Reason for Recommendation:

Federally Funded

Comments:

None

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**Miami-Dade County Public Works Department Input
Contract/Project Measure Analysis and Recommendation**

Project No.: 20110149

Project Title: CDBG Roadway Resurfacing Contract

DBE Prime History of similar Contracts/Projects for previous three years:

Not Applicable

Similar Projects previously submitted for RC Action:

Not Applicable

Scope of Work History Summary – Subcontracting Opportunities:

Areas recommended for DBE Goal (PWD/SBD):

Not Applicable

Areas used to meet subcontractor goal (Awarded Contractor):

Not applicable

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APPENDIX "C"

LOCATION OF WORK

The location of work to be performed under the terms of this Contract have been tentatively listed as follows:

1. NW 117th AVE from SW Tamiami Canal to NW 2nd and from NW 117th AVE to NW 114 Ave) -District 12
2. Site 2- SW 197 Street to SW 200 Street and SW 110th Court to Colonial road (SW 117th AVE)- District 9
3. NW 83rd ST to NW 79th ST and NW 4th AVE to N. Miami ; and -NW 103 ST to NW100th ST and NW 32nd AVE to NW 27 AVE- District 2

The County may update this work site list subsequent to the Award of this Contract by adding, deleting, or substituting with comparable sites. The actual location(s) of work shall be identified in the Work Order(s) issued subsequent to the Award of the Contract. The combined total cost for all work authorized by the Work Order(s) shall not exceed the Contract Award amount.

The Department does not guarantee that the full amount of the Contract will be issue to the Contractor. The actual amount of Work orders assigned will be the prerogative of the department in its sole discretion and dependent only upon its needs.

RESURFACING ESTIMATE 2011 - CDBG HOME ESG FUNDING

20110149

Location: Site 1 - NW 117th AVE from SW Tamiami Canal to NW 2nd and from NW 117th AVE to NW 114 Ave) ;Dist 12 / Site 2- SW 197 Street to SW 200 Street and SW 110th Court to Colonial road(SW 117th AVE) ;Site 3 -NW 83rd ST to NW 79th ST and NW 4th AVE to N. Miami ; and -NW 103 ST to NW 100th ST and NW 32nd AVE to NW 27 AVE

ITEM #	DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL	QTY	UNIT PRICE	TOTAL	QTY	UNIT PRICE	TOTAL	QTY	UNIT PRICE	TOTAL	QTY	UNIT PRICE	TOTAL	QTY	UNIT PRICE	TOTAL	QTY	UNIT PRICE	TOTAL
101-227	SAV CUT EXIST. TRENCH & REM. EXIST. COLD PATCH	S.F.	72	\$ 2.93	\$ 210.96	72	\$ 2.93	\$ 210.96	72	\$ 2.93	\$ 210.96	72	\$ 2.93	\$ 210.96	72	\$ 2.93	\$ 210.96	72	\$ 2.93	\$ 210.96	72	\$ 2.93	\$ 210.96
101-227	MOBILIZATION FOR MILLING	PERSEC	1	\$ 684.50	\$ 684.50	1	\$ 684.50	\$ 684.50	1	\$ 684.50	\$ 684.50	1	\$ 684.50	\$ 684.50	1	\$ 684.50	\$ 684.50	1	\$ 684.50	\$ 684.50	1	\$ 684.50	\$ 684.50
102-21-1A	SOLID TEMP PAY. MARKING (YELLOW/WHITE) (any width Paint) and Signs	LS	492	\$ 0.17	\$ 83.64	492	\$ 0.17	\$ 83.64	492	\$ 0.17	\$ 83.64	492	\$ 0.17	\$ 83.64	492	\$ 0.17	\$ 83.64	492	\$ 0.17	\$ 83.64	492	\$ 0.17	\$ 83.64
110-4-2A	Removal of Existing Concrete Sidewalk (up to 8" thick)	S.Y.	222	\$ 10.50	\$ 2,331.00	222	\$ 10.50	\$ 2,331.00	222	\$ 10.50	\$ 2,331.00	222	\$ 10.50	\$ 2,331.00	222	\$ 10.50	\$ 2,331.00	222	\$ 10.50	\$ 2,331.00	222	\$ 10.50	\$ 2,331.00
200-2	BASE PREPARATION FOR NEW SIDEWALK CONSTRUCTION	S.Y.	222	\$ 15.00	\$ 3,330.00	222	\$ 15.00	\$ 3,330.00	222	\$ 15.00	\$ 3,330.00	222	\$ 15.00	\$ 3,330.00	222	\$ 15.00	\$ 3,330.00	222	\$ 15.00	\$ 3,330.00	222	\$ 15.00	\$ 3,330.00
327-70	MILLING EXISTING PAVEMENT (1")	TON	2,946	\$ 2.00	\$ 5,892.00	2,946	\$ 2.00	\$ 5,892.00	2,946	\$ 2.00	\$ 5,892.00	2,946	\$ 2.00	\$ 5,892.00	2,946	\$ 2.00	\$ 5,892.00	2,946	\$ 2.00	\$ 5,892.00	2,946	\$ 2.00	\$ 5,892.00
334-2-13-1	HOT MIX ASPHALT - TRAFFIC, SP-9.5	TON	1,343	\$ 72.00	\$ 96,756.00	1,343	\$ 72.00	\$ 96,756.00	1,343	\$ 72.00	\$ 96,756.00	1,343	\$ 72.00	\$ 96,756.00	1,343	\$ 72.00	\$ 96,756.00	1,343	\$ 72.00	\$ 96,756.00	1,343	\$ 72.00	\$ 96,756.00
337-8-42	HOT MIX ASPHALT FRICTION COURSE - TRAFFIC, SP-9.5, PG 76-22	TON	809	\$ 80.00	\$ 64,720.00	809	\$ 80.00	\$ 64,720.00	809	\$ 80.00	\$ 64,720.00	809	\$ 80.00	\$ 64,720.00	809	\$ 80.00	\$ 64,720.00	809	\$ 80.00	\$ 64,720.00	809	\$ 80.00	\$ 64,720.00
425-5	ADJUST MANHOLE	EA	1	\$ 250.50	\$ 250.50	1	\$ 250.50	\$ 250.50	1	\$ 250.50	\$ 250.50	1	\$ 250.50	\$ 250.50	1	\$ 250.50	\$ 250.50	1	\$ 250.50	\$ 250.50	1	\$ 250.50	\$ 250.50
425-6	ADJUST EXISTING VALVES BOXES	EA	1	\$ 146.13	\$ 146.13	1	\$ 146.13	\$ 146.13	1	\$ 146.13	\$ 146.13	1	\$ 146.13	\$ 146.13	1	\$ 146.13	\$ 146.13	1	\$ 146.13	\$ 146.13	1	\$ 146.13	\$ 146.13
522-2	Concrete Sidewalk (6" thick, 3,000 psi concrete at 28 days)	S.Y.	222	\$ 40.00	\$ 8,886.00	222	\$ 40.00	\$ 8,886.00	222	\$ 40.00	\$ 8,886.00	222	\$ 40.00	\$ 8,886.00	222	\$ 40.00	\$ 8,886.00	222	\$ 40.00	\$ 8,886.00	222	\$ 40.00	\$ 8,886.00
522-2	Curb ramp Detectable Warning Surface (labor and material included per FDOT standards details index no. 304 (fruncated domes as directed by engineer)	S.F.	160	\$ 45.00	\$ 7,200.00	160	\$ 45.00	\$ 7,200.00	160	\$ 45.00	\$ 7,200.00	160	\$ 45.00	\$ 7,200.00	160	\$ 45.00	\$ 7,200.00	160	\$ 45.00	\$ 7,200.00	160	\$ 45.00	\$ 7,200.00
709-1-12	REFLECTIVE PAVEMENT MARKERS (monobid-direct all colors)	EA	425	\$ 3.34	\$ 1,423.50	425	\$ 3.34	\$ 1,423.50	425	\$ 3.34	\$ 1,423.50	425	\$ 3.34	\$ 1,423.50	425	\$ 3.34	\$ 1,423.50	425	\$ 3.34	\$ 1,423.50	425	\$ 3.34	\$ 1,423.50
711-4	DIRECTIONAL ARROWS THERMO	EA	2	\$ 45.93	\$ 91.86	2	\$ 45.93	\$ 91.86	2	\$ 45.93	\$ 91.86	2	\$ 45.93	\$ 91.86	2	\$ 45.93	\$ 91.86	2	\$ 45.93	\$ 91.86	2	\$ 45.93	\$ 91.86
711-5	GUIDELINES (6" x 4") WHT THERMO	L.F.	33	\$ 0.84	\$ 27.72	33	\$ 0.84	\$ 27.72	33	\$ 0.84	\$ 27.72	33	\$ 0.84	\$ 27.72	33	\$ 0.84	\$ 27.72	33	\$ 0.84	\$ 27.72	33	\$ 0.84	\$ 27.72
711-1-121	SOLID TRAFFIC STRIPE (6" WHITE) THERMO	L.F.	2,488	\$ 0.50	\$ 1,244.00	2,488	\$ 0.50	\$ 1,244.00	2,488	\$ 0.50	\$ 1,244.00	2,488	\$ 0.50	\$ 1,244.00	2,488	\$ 0.50	\$ 1,244.00	2,488	\$ 0.50	\$ 1,244.00	2,488	\$ 0.50	\$ 1,244.00
711-1-123	SOLID TRAFFIC STRIPE (12" WHITE) THERMO	L.F.	257	\$ 1.26	\$ 325.82	257	\$ 1.26	\$ 325.82	257	\$ 1.26	\$ 325.82	257	\$ 1.26	\$ 325.82	257	\$ 1.26	\$ 325.82	257	\$ 1.26	\$ 325.82	257	\$ 1.26	\$ 325.82
711-1-124	SOLID TRAFFIC STRIPE (18" WHITE) THERMO	L.F.	200	\$ 1.67	\$ 334.00	200	\$ 1.67	\$ 334.00	200	\$ 1.67	\$ 334.00	200	\$ 1.67	\$ 334.00	200	\$ 1.67	\$ 334.00	200	\$ 1.67	\$ 334.00	200	\$ 1.67	\$ 334.00
711-1-125	SOLID TRAFFIC STRIPE (24" WHITE) THERMO	L.F.	49	\$ 2.08	\$ 102.44	49	\$ 2.08	\$ 102.44	49	\$ 2.08	\$ 102.44	49	\$ 2.08	\$ 102.44	49	\$ 2.08	\$ 102.44	49	\$ 2.08	\$ 102.44	49	\$ 2.08	\$ 102.44
711-1-121	SOLID TRAFFIC STRIPE (6" YELLOW) THERMO	L.F.	342	\$ 0.50	\$ 171.00	342	\$ 0.50	\$ 171.00	342	\$ 0.50	\$ 171.00	342	\$ 0.50	\$ 171.00	342	\$ 0.50	\$ 171.00	342	\$ 0.50	\$ 171.00	342	\$ 0.50	\$ 171.00
711-33A	SKIP TRAFFIC STRIPE (6" WHITE) 10' x 30'	L.F.	450	\$ 0.75	\$ 337.50	450	\$ 0.75	\$ 337.50	450	\$ 0.75	\$ 337.50	450	\$ 0.75	\$ 337.50	450	\$ 0.75	\$ 337.50	450	\$ 0.75	\$ 337.50	450	\$ 0.75	\$ 337.50
				BASE AMOUNT																			
999-02	CONTINGENCY ALLOWANCE (4% BASE ESTIMATE)	L.S.		\$ 1,694.35	\$ 1,694.35		\$ 1,694.35	\$ 1,694.35		\$ 1,694.35	\$ 1,694.35		\$ 1,694.35	\$ 1,694.35		\$ 1,694.35	\$ 1,694.35		\$ 1,694.35	\$ 1,694.35		\$ 1,694.35	\$ 1,694.35
102-1P	MAINTENANCE OF TRAFFIC (MOT 2%)	L.S.		\$ 817.18	\$ 817.18		\$ 817.18	\$ 817.18		\$ 817.18	\$ 817.18		\$ 817.18	\$ 817.18		\$ 817.18	\$ 817.18		\$ 817.18	\$ 817.18		\$ 817.18	\$ 817.18
	PERMITS	L.S.	1	\$ 500.00	\$ 500.00	1	\$ 500.00	\$ 500.00	1	\$ 500.00	\$ 500.00	1	\$ 500.00	\$ 500.00	1	\$ 500.00	\$ 500.00	1	\$ 500.00	\$ 500.00	1	\$ 500.00	\$ 500.00
	OFF DUTY POLICE OFFICER	L.S.		\$ 1,000.00	\$ 1,000.00		\$ 1,000.00	\$ 1,000.00		\$ 1,000.00	\$ 1,000.00		\$ 1,000.00	\$ 1,000.00		\$ 1,000.00	\$ 1,000.00		\$ 1,000.00	\$ 1,000.00		\$ 1,000.00	\$ 1,000.00
	CEI (% BASE ESTIMATE)	L.S.		\$ 1,780.80	\$ 1,780.80		\$ 1,780.80	\$ 1,780.80		\$ 1,780.80	\$ 1,780.80		\$ 1,780.80	\$ 1,780.80		\$ 1,780.80	\$ 1,780.80		\$ 1,780.80	\$ 1,780.80		\$ 1,780.80	\$ 1,780.80
Notes: Site 2 ADA RAMPS & CONNECTORS INCLUDED				TOTAL																			
				\$0.04																			
				\$45,000.00																			
				4.36%																			
				\$393,000.00																			
				17.50%																			
				\$200,000.00																			
				1.07%																			
				\$200,000.00																			
				0.93%																			
				\$200,000.00																			
				\$503,023.16																			
				\$44,978.84																			
				\$548,000.00																			